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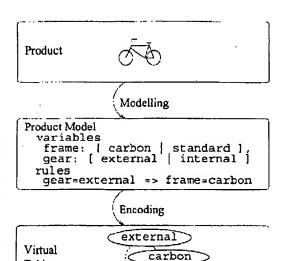
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(54) Title: A METHOD OF CONFIGURING A PRODUCT USING A DIRECTED ACYCLIC GRAPH



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frame=carbon,

gear=external

Interactive Configuration

(57) Abstract: A complex product is composed of several parts, where each part may depend on the other. As a consequence of these inter-dependencies, the selection of one part might exclude other parts from being included in the finished product. A consistent configuration is a selection of parts where all inter-dependencies are satisfied. A computer program for computer-assisted configuration helps an end-user to make choices that will lead to a consistent product. The preferred embodiment of the present invention, Virtual Tabulation, is a method for keeping track of inter-depencies a large number of parts, to allow for the construction of an efficient and exact configuration program. Such a program allows interactive configuration over networks (e.g., the Internet). Another aspect of the invention. called Smart Search, allows a set of inter-dependencies among parts to be computed from a product database.

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Table

Consistent

Configuration

Product

- SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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"A" documer	nt defining the general state of the art which is not	or priority date and not in conflict with t cited to understand the principle or the	the application but						
"E" earlier do filing da		invention "X" document of particular relevance; the cl cannot be considered novel or cannot	laimed Invention						
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Date of the ac	ctual completion of the international search	Date of mailing of the international sear	rch report						
12	2 June 2002								
Name and ma	ailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer							
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Jenny Forss	•						

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